

# **REQUIRED INFORMATION ON CONSTRUCTION DRAWINGS**

## **Commercial Permitting**

1. COVER SHEET WITH INDEX
2. FOUNDATION PLAN (if applicable)
  - Footer size, slab thickness, steel reinforcement, vapor barrier, termite treatment, etc.
3. COMPLETE FLOORPLAN OF BUILDING OR SUITE
  - Label all rooms with intended use (office, warehouse, etc.).
  - Room sizes, door sizes, fixture layout (including seating, display racks, shelving etc.).
  - Exit and emergency lighting.
  - All rated separation walls.
4. ELEVATIONS (if applicable)
  - Denote all finishes.
  - Denote roofing type.
5. ELECTRICAL
  - Floor plan showing layout of all switches, outlets, light fixtures, emergency lighting.
  - Service diagram, panels schedule, load calculations, and fixture schedule.
6. PLUMBING
  - Floor plan showing layout of all plumbing fixtures, including mounting locations.
  - Plumbing isometric.
7. MECHANICAL
  - Floor plan showing equipment location, duct runs, duct sizes, diffuser sizes, location of fire dampers (if required).
8. DETAILS
  - Typical wall sections, framing details, ceiling heights.
  - Approved listing of all fire rated partitions and penetrations of these partitions.
  - H/C accessibility (clear floor spaces, fixture mounting heights and locations).
  - Stairs, ramps, handrails, guardrails.
9. ADDITIONAL ENGINEERING
  - Signed/sealed engineering for trusses and other engineered components.
10. ADDITIONAL INFORMATION
  - Denote construction type and occupancy classification (include previous occupancy classification).
  - Denote occupancy classification of adjacent units (if any).
  - Show compliance with table 500 and 600 for allowable area and height, and fire resistance of structural elements.
  - Provide minimum plumbing fixture calculations per SBCCI Standard Plumbing Code 1994 ed.
  - Energy calculations (required for new construction, additions and change of use).
  - Statement of design criteria.(all trades)
  - Statement of compliance with wind load requirements.
  - Door and window schedule.
  - Lintel schedule (if applicable).
  - Connector schedule (truss connectors and all connectors for continuous load path from footer to roof).